
ABSTRACT OF THE DISCLOSURE

An optical transmission system has a plurality of optical fiber line sections with each section including an optical fiber and a dispersion compensation unit. The dispersion compensation units are provided to compensate for the fiber dispersion
5 (d) of a plurality of fiber line sections in such a way that the remaining residual dispersion per compensated fiber line section occurs at least virtually uniformly by the same absolute-magnitude dispersion (ΔD).
